

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yoshitsugu MORITA et al.

Serial No.:

10/584,655

Filed:

June 26, 2006

For: Curing Silicone Composition and
Cured Product Thereof

Docket No.:

71,051-039

Group Art Unit:

unknown

Examiner:

unknown

I hereby certify that the enclosed Information Disclosure Statement is being transmitted via EFS transmission to the Commissioner of Patents, PO BOX 1450, Alexandria, VA 22313-1450, on the date shown below.

07/06/07
Date

/Sandra Barry/
Sandra Barry

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant(s) submit(s) herewith patents, publications, or other information, of which they are aware that they believe may be material to the patentability and/or the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability and/or examination, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

☒ Submitted herewith is Form PTO/SB/08a listing patents, publications, or other information for consideration by the Office.

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☒ Legible copies of all items listed on Form PTO/SB/08a accompany this Information Disclosure Statement, except copies of U.S. patents, U.S. patent application publications, copies of U.S. applications that were filed on or after June 30, 2003, and copies of U.S. applications that were filed before June 30, 2003 that are available in the Image File Wrapper System.

☐ Under 35 U.S.C. §120, this application relies on the earlier filing date of prior application Serial No. [____], filed on [____]. The following references were submitted to and/or cited by the Office on this prior application and are therefore not required to be provided in this application:

- ☐ In accordance with 37 C.F.R. §1.98(c), a copy of only [] is being submitted with this Information Disclosure Statement, and is cumulative of the following patents or publications listed on Form PTO/SB/08a:

FOREIGN LANGUAGE DOCUMENTS

- ☐ There are no foreign language documents listed on Form PTO/SB/08a.
- ☒ English language abstract for the following non-English references are enclosed:

<u>Foreign Patent Document</u>	<u>Publication Date</u>	<u>Name of Patentee or Applicant of Cited Document</u>
JP 3277619	12/09/1991	Ito et al.
JP 5295084	11/09/1993	Morita et al.
JP 7022441	01/24/1995	Sakamoto et al.
JP 7118365	05/09/1995	Sakamoto et al.
JP 7161740	06/23/1995	Kobayashi et al.
JP 10130465	05/19/1998	Takeda et al.
JP 10147764	06/02/1998	Takeda et al.
JP 10163232	06/19/1998	Takeda et al.
JP 60179417	09/13/1985	Kondou
JP 6306084	11/01/1994	Shiobara

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of portions of those patents, publications or information considered to be material:
- ☒ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☒ The following foreign language documents are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith:

<u>Cited Art</u>	<u>English Equivalent</u>
JP 3277619	US 5,114,994
JP 5295084	EP 0567079
JP 60179417	US 4,584,342

- ☐ Submitted herewith is an English language version of a PCT search report listing information not in the English language and indicating the degree of relevancy found by the International Bureau of WIPO, in satisfaction of the requirement (under 37 C.F.R. §1.98(a)(3)) for a concise explanation of the relevance of non-English information.
- ☒ A concise explanation of the relevance of the following listed non-English language information is included as presently understood by the individual designated in 37 C.F.R. §1.56(c) most knowledgeable about the content of the information as set forth below:

Foreign Patent Document

Explanation of Relevance

- JP 7022441 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a die bonding material made by reaction of a specific epoxy resin, containing a specified percentage of product wherein equivalent ratio between the epoxy resin and bisphenol group, with a curing agent and additives, such as inorganic filler.
- JP 7118365 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a die bonding material obtained by mixing a reaction product of a specified epoxy resin with a phenol with an epoxy resin, a curing agent and an inorganic filler.
- JP 7161740 This document was cited by the International Searching Authority in the International Search Report as a Category "A" document and its relevance as presently understood is obtained from the English language abstract which indicates that this document a conductive resin paste for semiconductors composed of a specific epoxy resin, epoxy silane compounds, bisphenol, organic borate, and silver powder.
- JP 10130465 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a die attaching paste made by blending an epoxy resin, a curing agent, a cyanic acid ester, and an inorganic filler with a product of the reaction of a bisphenol compound with a diglycidyl ether compound containing disiloxane.
- JP 10147764 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a die attaching paste made by mixing an epoxy resin with a curing agent that is a specific reaction product of a cyanate resin and an epoxy dimethylsiloxane compound, a cure accelerator, and an inorganic filler.
- JP10163232 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a die attaching paste made by mixing a specific epoxy resin with a cyanate ester group.
- JP 6306084 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses an epoxy resin consisting of a specific epoxy-modified silicone and a specific modified silicone as a curing agent.

☐ A concise explanation of the relevance of the following listed non-English language information is set forth in the above-identified specification:

CERTIFICATION:

- ☒ The Information Disclosure Statement transmitted herewith is being filed **within** three (3) months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). Accordingly, it is believed that no certification or fee is due.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three (3) months of the filing date of the application or the date of entry into the national stage of an international application and after the mailing date of the first Office Action on the merits, but **before** the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, whichever occurs first. Accordingly, I hereby certify that:

- ☐ each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Information Disclosure Statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **OR**
- ☐ Applicant elects the option to pay the fee set forth in 37 C.F.R. §1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. §1.97(c). If a check is not enclosed, please charge the **\$180.00** IDS submission fee to Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **After a Final Action** under 37 C.F.R. §1.113, or **After a Notice of Allowance** under 37 C.F.R. §1.311, whichever occurs first, but is being filed on or **Before Payment of the Issue Fee**. Accordingly, I hereby certify that:
- ☐ each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **AND**
- ☐ Applicant hereby petitions for consideration of this Information Disclosure Statement; 37 C.F.R. §1.97(d)(2)(ii). If a check is not enclosed, please charge the petition fee of **\$180.00** Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.

The Commissioner is authorized to charge Howard & Howard Attorneys PC Deposit Account No. 08-2789 for any additional fees due hereunder.

Respectfully submitted

Reg. No.: **46,295**

July 6, 2007
Date

Customer No. 27305

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